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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HOU ET AL.
Serial No.: 10/560,401
Filed: DECEMBER 12, 2005
Confirmation No.: 5535
Examiner: UNKNOWN
Group Art Unit: UNKNOWN
Docket: 758.1509USWO
Title: METHOD OF DISPENSING FUEL INTO TRANSIENT FLOW OF AN EXHAUST SYSTEM

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on July 21, 2006.

By:

Name: Kristine A. Wacek

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

23552

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 23 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
612.332.5300

By:

Name: David G. Schmaltz

Reg. No.: 39,828

DSchmaltz:PLSkaw

S/N 10/560,401

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 10/560,401 Group Art Unit: UNKNOWN
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By:

Name: Kristine A. Wacek

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

23552

PATENT TRADEMARK OFFICE

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

There is no English language abstract available for Belgium Patent No. 889,019. Applicants have found a U.S. equivalent for the Belgium patent. A copy of U.S. Patent No. 4,360,156 is attached to the Belgium patent.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

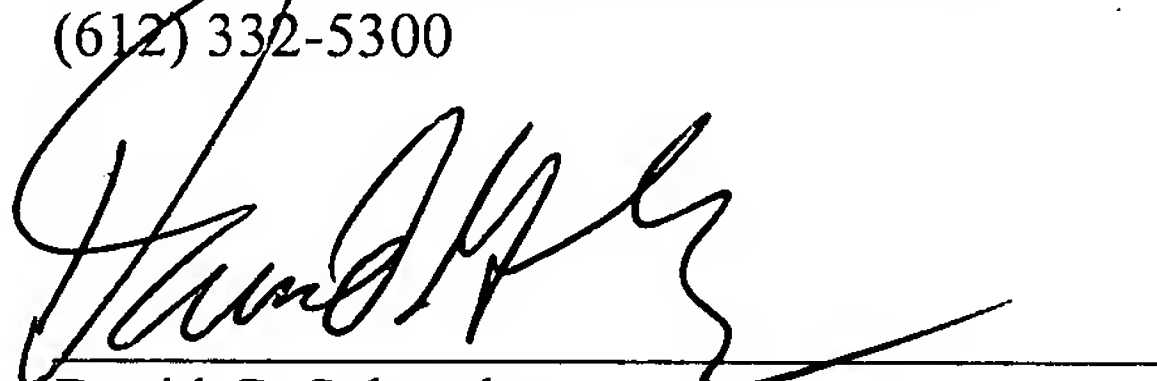
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: 7/21/06



David G. Schmaltz
Reg. No. 39,828
DGS:PLSkaw

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

758.1509USWO

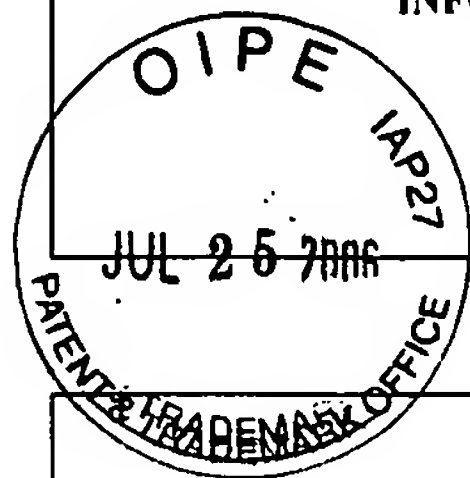
Application Number:

10/560,401

Applicant: HOU ET AL.

Filing Date: 12/12/2005

Group Art Unit: UNKNOWN



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,499,269	03/10/1970	Bois			
	3,654,432	04/04/1972	Dyre			
	3,744,249	07/10/1973	August			
	4,054,418	10/18/1977	Miller et al.			
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	4,270,936	06/02/1981	Mann			
	4,276,066	06/30/1981	Bly et al.			
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	4,319,896	03/16/1982	Sweeney			
	4,360,156	11/23/1982	Soth et al.			
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 758.1509USWO	Application Number: 10/560,401
	Applicant: HOU ET AL.	
	Filing Date: 12/12/2005	Group Art Unit: UNKNOWN

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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	199 46 901 A1	04/05/2001	DE			Abstract	
	0 070 619 A2	01/26/1983	EP				

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	1 223 312 B1	10/27/2004	EP			Claims	
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	59-520	01/05/1984	JP			Abstract	
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	10089057	04/07/1998	JP			Abstract Only	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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		"Fact Sheet re: Diesel Particulate Matter," pp. 2-8 (Date Unknown)
		"How a Nozzle Works," pp. 3-5 (Date Unknown)
		Catlin, C. et al., "Physical Processes Influencing Effervescent Atomizer Performance in the Slug and Annular Flow Regimes," <i>Atomization and Sprays</i> , Vol. 11, pp. 575-595 (2001)
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		Kim, J. et al., "Dependence of Spraying Performance on the Internal Flow Pattern in Effervescent Atomizers," <i>Atomization and Sprays</i> , Vol. 11, pp. 735-756 (2001)
		Leteuvre, H., "Effervescent Atomizers," <i>Atomization and Sprays</i> , Taylor & Francis, 2 pages (1989)
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		Sovani, S. et al., "Effervescent atomization," <i>Progress in Energy and Combustion Science</i> , Vol. 27, pp. 483-521 (2001)
		Suresh, A. et al., "A Study of the Effect of a Catalyzed Particulate Filter on the Emissions from a Heavy-Duty Diesel Engine with EGR," pp. 1-19 (2001)

23552

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